

WHAT IS CLAIMED IS:

1. A slide mechanism to connect a first member and a second member formed separately from each other to be slidable in one direction to form a closed state in which the first member and the second member overlap one another, and to form an opened state in which the top face of either member is exposed, said slide mechanism comprising:

a hinge device provided with a guide member on the tip attached to one side of either the first member or the second member, allowing the guide member to expose to be movable forward and backward by being biased slidably in one direction;

a recessed portion provided on the other member out of the above-described first and second members to receive the guide member of the hinge device at a predetermined slide position; and

an engagement means to engage to prevent the transmitter and the receiver from separating.

2. A portable phone and the slide mechanism according to claim 1, further comprising:

a hinge device provided with a guide member attached on the front end of a hinge case installed on both sides of either one of the first member or the second member facing toward both sides of the other member, allowing the guide member to exposed to be movable forward and backward by being biased slidably in one direction;

a guide groove provided on the other member out of said first member and said second member to guide said guide member of the hinge device in an engaged state; and

an recessed portion to receive and lock the guide groove at an appropriate position of said guide groove.

3. The slide mechanism according to claim 2, wherein said guide groove is disposed in a bent state so that the second member forms an obtuse

angle with the first member when the first member and the second member are in an opened state..

4. A portable phone, comprising:
5 a box of a transmitter composing a first member; and
a box of a receiver composing a second member separately,
wherein said portable phone forms a closed state covering the top
face of said transmitter with said receiver, and an opened state of sliding said
receiver in one direction from said transmitter to expose the top face thereof
10 by connecting the transmitter and the receiver slidably to each other via the
slide mechanism according to claim 1.

5. The portable phone according to claim 4, wherein said guide groove
is provided in a bent shape so that said receiver forms an obtuse angle with
15 said transmitter by lifting a sliding tip end of the receiver slightly during
sliding of said receiver when said transmitter and said receiver are in an
opened state.

6. A portable phone, comprising:
20 a box of a transmitter composing a first member; and
a box of a receiver composing a second member separately,
wherein said portable phone forms a closed state covering the top
face of said transmitter with said receiver, and an opened state of sliding said
receiver in one direction from said transmitter to expose the top face thereof
25 by connecting the transmitter and the receiver slidably to each other via the
slide mechanism according to claim 2.

7. The portable phone according to claim 6, wherein said guide groove
is provided in a bent shape so that said receiver forms an obtuse angle with
30 said transmitter by lifting a sliding tip end of the receiver slightly during
sliding of said receiver when said transmitter and said receiver are in an
opened state.

8. A portable phone, comprising:

a box of a transmitter composing a first member; and

a box of a receiver composing a second member separately,

wherein said portable phone forms a closed state covering the top

5 face of said transmitter with said receiver, and an opened state of sliding said receiver in one direction from said transmitter to expose the top face thereof by connecting the transmitter and the receiver slidably to each other via the slide mechanism according to claim 3.

10 9. The portable phone according to claim 8, wherein said guide groove is provided in a bent shape so that said receiver forms an obtuse angle with said transmitter by lifting a sliding tip end of the receiver slightly during sliding of said receiver when said transmitter and said receiver are in an opened state.